

Flexible Printed Antenna and Apparatus Utilizing the Same

Abstract of Disclosure

An antenna unit and a computing system utilizing the antenna unit are disclosed. The antenna is compact and can be fabricated at low cost and with high accuracy. The antenna unit comprises an antenna and a connection cable. The antenna unit is constructed by forming the antenna and the connection cable integrally on a preferably flexible insulating film using preferably the FPC (Flexible Printed Circuit) technique. The computing system comprises a body having its main operational circuits and a hinged cover having a display. The flexible printed antenna is formed integrally with its module of electric components using the FPC technique and is made to span the body and the cover. The antenna itself and the connection cable can be freely bent or folded, resulting in higher freedom in their positioning within the computer system body and cover.

Figures